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\*Licensed patent attorney; also licensed in Texas and Fla. Wa

**CONFIDENTIAL,  
TELECOPY MESSAGE**

**TO : USPTO**  
**FROM: Nevin Shaffer**  
**RE: US patent REISSUE application 10/685,735**  
  
 File no. 101-881  
 Applicant: Thomas W. Stephens, et al.  
 Filing Date: October 14, 2003  
 Title: Load Cell Apparatus and Method

**DATE: 6 July 2007**  
**PAGES INCLUDING COVER: 15**  
**FAX NO.: 571-273-8300**  
**CLIENT: Amtex Scale & Systems, Inc.**  
 Confirmation no.: 6726  
 Examiner: Randy W. Gibson  
 Group Art Unit: 2841

**MESSAGE:**

Dear Examiner Gibson:

Thank you for your phone message yesterday indicating that the response that was filed June 15, 2007 was not shown as received.

The Response was submitted in a first fax that was sent and received at 11:58.49 EDT but only indicated receipt of 7 of 8 pages.

The PTO, upon review, advised that the first page of the Declaration had not been received and advised sending the entire Declaration again. This second fax of 4 pages was sent and received at 12:42.08 EDT.

At your suggestion, I am re-sending both faxes in their entirety including both of the PTO receipts for a total of 15 pages including this cover sheet.

Please let me know if you have any questions.  
 Thank you for your efforts.

Sincerely,



J. Nevin Shaffer, Jr., Attorney for Applicant

Reg. No. 29,858

**CONFIDENTIALITY NOTICE**

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JUL-06-2007 FRI 08:21 AM JNEVIN SHAFFERJRPA

FAX NO. 8509344143

P. 02

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**CONFIDENTIAL**  
**TELECOPY MESSAGE**

**TO:** USPTO

**DATE:** 15 June 2007

**FROM:** Nevin Shaffer

**PAGES INCLUDING COVER:** 8

**RE:** US patent REISSUE application 10/685,735

**FAX NO.:** 571-273-8300

File no. 101-881

**CLIENT:** Amtex Scale & Systems, Inc.

Applicant: Thomas W. Stephens, et al.

**Confirmation no.:** 6726

Filing Date: October 14, 2003

**Examiner:** Randy W. Gibson

Title: Load Cell Apparatus and Method

**Group Art Unit:** 2841

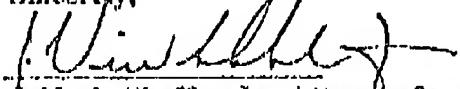
**MESSAGE:**

Dear Office of Petitions and Examiner Gibson:

Attached is a Response to your Decision and to the Office Action in this case, 4 pages; and Reissue Application Declaration by the all Inventors, 3 pages.

Thank you for you efforts.

Sincerely,



J. Nevin Shaffer, Jr., Attorney for Applicant

Reg. No. 29,858

\*\*\*\*\*  
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P. 03

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PATENT  
101-881

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
Thomas W. Stephens et al. )  
Serial No.: 09/523,385 ) Examiner: Randy W. Gibson  
Filed: March 10, 2000 )  
US patent No.: 6,303,882 )  
Issued: October 16, 2001 )  
Reissue serial no. 10/685,735 )  
Filed: October 14, 2003 ) Group Art Unit: 2859  
FOR: LOAD CELL APPARATUS AND METHOD ) Confirmation Number: 6726

Mail Stop Petition  
Mail Stop Reissue  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

VIA Fax to: 573-273-8300

REQUEST FOR RECONSIDERATION OF PETITION AND RESPONSE TO OFFICE

This paper is submitted in response to a decision refusing status under 37 CFR 1.47 in conjunction with the submission of a Reissue Patent Application for the above-identified application which matured into US patent Number 6,303,882. The Decision was dated April 18, 2007 and this Request is filed within two months of that date.

Further, this paper is submitted in Response to the Final Office Action dated May 15, 2007 and is thus filed within a month of that date.

**DECLARATION SIGNED BY ALL INVENTORS**

Attached herewith is a Declaration signed by both inventors in the case. As a result, the Petition to file the subject Reissue Patent Application in accordance with 37 CFR 1.47(a) is moot and is withdrawn.

In accordance with the April 18, 2007 Decision, the Office of Petitions has determined that the reissue oath or declaration in compliance with 37 CFR 1.63 and 1.175 was acceptable and that the petition fee had been received. Thus, Applicants respectfully submit that the subject Reissue Patent Application is in condition for allowance by the Examiner since all objections from the Office of Petitions have now been met.

**DECLARATION SPECIFICALLY IDENTIFIES AN ERROR**

Further, In response to the Office Action, the Applicants' respectfully submit that the error has been described specifically described in the limited space provided at the bottom of the first page of the attached Declaration signed by all the inventors on PTO/SB/51 (06-07). It identifies the error in a specific claim, ["claim 1"], and the specific claim language wherein lies the error ["that independent claim 1 as originally allowed was too narrow" because it required "two compliance assemblies"]. Further, it also describes how claim 1 has been amended [ by deleting that element and adding the language "at least one compliance assembly"] and what other amendment was made [deletion of claim 2 and adding its limitations to claim 1] and why that is allowable all in the space allowed in the PTO form. Thus, Applicants respectfully submit that the Declaration by all the Inventors be accepted and the case passed to issuance as amended.

Further, the attached Declaration signed by all the inventors on PTO/SB/51 (06-07) indicates that all the inventors have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. The amendment referred to above was the amendment filed on 10/14/2003. The Statement of Support for the Amendment from the 10/14/2003 is attached, as the Examiner suggested, for convenience as it sets forth Applicants arguments in support of the amendments to correct the error described specifically in the block at the bottom of page 1 of the Declaration.

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**STATUS OF THE CLAIMS**

Claim 2 has been cancelled.

Claim 1, as amended, and claims 3-20 as originally allowed remain pending in this Reissue Application.

Claims 1 and 3-10 were rejected as being based on a defective reissue declaration.

Claims 11-20 have been found allowable over the art.

**CLAIMS 1 AND 3-10 ARE ALLOWABLE**

It is respectfully submitted that the Declaration specifically identifies an error as set forth therein. Further, the dismissal of the Petition is now moot in view of the attached Declaration signed by all inventors.

Applicants, therefore, respectfully submit that the rejection of claims 1 and 3-10 based upon a defective declaration be withdrawn in view of the attached Declaration signed by all inventors and as set forth above.

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CONCLUSION

In light of the above, Applicants respectfully request reconsideration and allowance of Claims 1 and 3-20. If the Examiner should feel that any issue remains as to the allowability of these claims, or that a conference might expedite allowance of the claims, the Examiner is asked to telephone the undersigned attorney.

Applicant intends this to be a complete response. No fee is believed due; however if a fee is due, please charge deposit account No. 19-1453 (Our File No. "101-881").

Respectfully submitted,

Date: 15 Jun 07

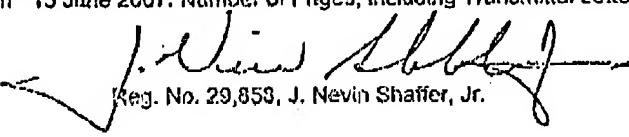
J. Nevin Shaffer, Jr., P.A.  
By: 

J. Nevin Shaffer, Jr., Reg. No. 29,858  
913 Gulf Breeze Parkway, Suite 43  
Gulf Breeze, Florida 32561  
850-934-4124

ATTORNEYS FOR APPLICANT

Certificate of Facsimile transmission

I hereby certify that this correspondence is being transmitted to the Patent and Trademark Office facsimile number (571) 273-8300 on 15 June 2007. Number of Pages, including Transmittal Letter, 8 pages.

  
Reg. No. 29,858, J. Nevin Shaffer, Jr.

JUL-06-2007 FRI 08:23 AM JNEVIN SHAFFERJRPA

FAX NO. 8509344143 RECEIVED P 07  
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PTO/SB/51 (08-07)

Approved for use through 06/30/2007. OMB 0051-0039

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## REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

101-881

I hereby declare that:

Each Inventor's residence, mailing address and citizenship are stated below next to their name.

I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,303,882, granted 10/16/2001 and for which a reissue patent is sought on the invention entitled Load Cell Apparatus and Method.

the specification of which

 is attached hereto. was filed on 10/14/2003, as reissue application number 10/685,735and was amended on 10/14/2003.

(If applicable)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

 I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verify belief the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

 by reason of a defective specification or drawing. by reason of the patentee claiming more or less than he had the right to claim in the patent. by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening. Applicant's respectfully submit that independent claim 1 as originally allowed was too narrow in requiring two of Applicants' compliance assemblies and that independent claim 1 as now presented is allowable for the reason that the prior art does not teach or suggest Applicants' at least one compliance assembly as previously allowed as set forth in dependent claim 2, now cancelled, but the limitations of which are now included in independent claim 1, all as more fully set forth in the Preliminary Amendment and Statement of Support submitted on 10/14/2003 which both inventors has read and understand as stated above. This Statement of Support is attached hereto by both inventors for convenience of the Examiner and Office.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO-05051 (10-06)

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## (RE)ISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

101-881

All errors corrected in this release application were without any deceptive intention on the part of the applicant.

Note. To appoint a power of attorney, use form PTO/SB/81.

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Correspondence Address: Direct all communications about the application to:

 The address associated with Customer Number: [redacted]

OR

|  |                                   |       |                |     |       |
|--|-----------------------------------|-------|----------------|-----|-------|
| <input checked="" type="checkbox"/> First or Individual Name | J. Navin Shaffer, Jr.             |       |                |     |       |
| Address  | 913 Gulf Breeze Parkway, Suite 43 |       |                |     |       |
| City   | Gulf Breeze                       | State | FL             | Zip | 32561 |
| Country  | USA                               |       |                |     |       |
| Telephone  | 850-934-4124                      | Email | nevins@bqa.com |     |       |

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

|  |                |
|--|----------------|
| Thomas W. Shaffer  | Date           |
| Signature:   | 17 MAY 1, 2007 |
| Residence  | Citizenship    |
| Leander, TX  | US             |
| Mailing Address  |                |
| 4300 N. Whitestone Blvd., Leander, TX 78641                  |                |
| Full name of second joint inventor (given name, family name) |                |
| Ronald R. Zmudsky  | Date           |
| Signature:   | 5-3-07         |
| Residence  | Citizenship    |
| Liberty Hill, TX   | US             |
| Mailing Address  |                |
| 167 River Road, Liberty Hill, TX 78642                       |                |

[1] Additional joint inventors (or legal representatives) are named on separately numbered sheet(s) form PTO/SB/02A or itsLR attached hereto.

[Page 2 of 2]

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**ATTACHMENT TO REISSUE APPLICATION DECLARATION BY THE INVENTOR FOR  
REISSUE APPLICATION NUMBER 10/685,735**

**STATEMENT OF SUPPORT FOR THE AMENDMENT TO INDEPENDENT CLAIM 1.**

Independent claim 1 has been amended to include the limitations of original dependent claim 2. Further, independent claim 1 has been amended to delete the requirement of "an upper and a lower compliance assembly" as was originally allowed. As now presented in this Reissue application, independent claim 1 requires "at least one compliance assembly" and the at least one compliance assembly includes the limitations as originally allowed in dependent claim 2.

In the Examiner's "Reasons for Allowance, page 2 of the Notice of Allowability dated May 29, 2001, the examiner stated that "the closest prior art Le Fevre, Jr. ( US patent No.2,616,683) shows an upper compliance assembly (4) attached to the top of a load cell, and an overload stop (13) on the bottom, but no lower compliance assembly; there is no teaching in the art of record to place a compliance assembly on both the top and bottom of the load cell."

Le Fevre Jr. does disclose a compliance assembly in general as the Examiner pointed out. That compliance assembly consists of a Belville spring (4) supported between a collar (12) and a ledge (23). ( See column 3, lines 56-67). Such springs are well known and Applicant discussed the advantages of Applicants' compliance assembly over such Belville springs at Column 5, lines 63- 66 of Applicants' patent. However, nothing in Le Fevre Jr., or any of the prior art of which Applicants herein are aware, discloses or suggests a compliance assembly comprised, as required in amended independent claim 1, of a first base and a second base, a compression pad connected to said first base or said second base, a rebound pad, a load plate between said rebound pad and said compression pad, and said second base connected to said rebound pad or said compression pad. The support for these limitations is found throughout the Applicants' patent as issued at, for example, Column 2, lines 23-65 and in Figures 1-3 and in original dependent claim 2.

Further, as now presented, independent claim 1 requires "at least one compliance assembly" as so limited and does away with the requirement of "an upper and a lower compliance assembly". Support for this limitation is found, for example, in Figures 2 and 3 wherein only a single such compliance assembly is shown and each of the figures shows "at least one compliance assembly" as now more particularly claimed in independent claim 1. Further, the patent advises that the compliance assemblies operate in substantially the same manner to shield the load cell from compression and rebound loads simply depending on which end of the load cell it is placed. (Column 4, lines 51-67 and column 5, lines 1-14 ). Still further, the advantages of Applicants' compliance assembly as claimed is set forth throughout the patent as, for example, at column 5, lines 50-65.

Applicants respectfully submit that independent claim 1 as originally allowed was too narrow in requiring two of Applicants compliance assemblies and that independent claim 1 as now presented is allowable for the reason that the prior art does not teach or suggest Applicant's at least one compliance assembly as previously allowed as set forth in dependent claim 2, now cancelled, but the limitations of which are now included in independent claim 1.

[Note: This is and was fully presented in the Preliminary Amendment submitted by the Assignee on 10/14/2003 and to which both inventors have said in the attached Declaration that they have reviewed and understand the contents of the referenced specification, including the claims, as amended on 10/14/2003.]

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**CONFIDENTIAL**  
**TELECOPY MESSAGE**

**TO : USPTO**

**DATE: 15 June 2007**

**FROM: Nevin Shaffer**

**PAGES INCLUDING COVER: 4**

**RE: US patent REISSUE application 10/685,735**

**FAX NO.: 571-273-8300**

**File no. 101-981**

**Confirmation no.: 6726**

**Applicant: Thomas W. Stephens, et al.**

**Examiner: Randy W. Gibson**

**Filing Date: October 14, 2003**

**Group Art Unit: 2841**

**Title: Load Cell Apparatus and Method**

**MESSAGE:**

Dear Office of Petitions and Examiner Gibson:

Attached is the Reissue Application Declaration by the all Inventors, 3 pages.

In the original fax received at the USPTO today at 11:58:49 AM only 7 of the 8 pages were received due to a transmission error. The USPTO advised that the first page of the Declaration was missing and I was advised to file the entire Declaration again.

Thank you for your efforts.

Sincerely,

  
 J. Nevin Shaffer, Jr., Attorney for Applicant

Reg. No. 29,858

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## REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

101-881

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I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.  
 I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,303,882, granted 10/16/2001 and for which a reissue patent is sought on the invention entitled Load Cell Apparatus and Method.

the specification of which

- is attached hereto.
- was filed on 10/14/2003 as reissue application number 10/685,735  
 and was amended on 10/14/2003  
 (if applicable)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.  
 I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

- I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verify belief the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply)

- by reason of a defective specification or drawing.
- by reason of the patentee claiming more or less than he had the right to claim in the patent.
- by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening: Applicant's respectfully submit that independent claim 1 as originally allowed was too narrow in requiring two of Applicants' compliance assemblies and that independent claim 1 as now presented is allowable for the reason that the prior art does not teach or suggest Applicants' at least one compliance assembly as previously allowed as set forth in dependent claim 2, now cancelled, but the limitations of which are now included in independent claim 1, all as more fully set forth in the Preliminary Amendment and Statement of Support submitted on 10/14/2003 which both inventors has read and understand as stated above. This Statement of Support is attached hereto by both inventors for convenience of the Examiner and Office.

(Page 1 of 2)

This collection of information is required by 37 CFR 1.176. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete. Any comments on including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

101-881

All oaths or declarations in this reissue application are made without any deceptive intention on the part of the applicant.

Note: To appoint a power of attorney, use form PTO/SB/81.

Correspondence Address: Direct all communications about the application to:

 The address associated with Customer Number: \_\_\_\_\_

OR

|  |                                   |       |               |     |       |
|--|-----------------------------------|-------|---------------|-----|-------|
| <input checked="" type="checkbox"/> Firm or<br>Individual Name | J. Nevin Shaffer, Jr.             |       |               |     |       |
| Address  | 913 Gulf Breeze Parkway, Suite 43 |       |               |     |       |
| City   | Gulf Breeze                       | State | FL            | Zip | 32561 |
| Country  | USA                               |       |               |     |       |
| Telephone  | 850-934-4124                      | Email | nevin@bqa.com |     |       |

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

|  |                       |
|--|-----------------------|
| Thomas W. Stephano<br>Inventor's signature<br><i>Karen O'Brien</i>                         | Date<br>17 MA-1, 2007 |
| Residence<br>Leander, TX<br>Mailing Address<br>4300 N. Whitestone Blvd., Leander, TX 78641 | Citizenship<br>US     |

Full name of second joint inventor (given name, family name)

|  |                   |
|--|-------------------|
| Donald R. Krudsky<br>Inventor's signature<br><i>Donald R. Krudsky</i>                      | Date<br>5-3-07    |
| Residence<br>Liberty Hill, TX<br>Mailing Address<br>187 River Road, Liberty Hill, TX 78642 | Citizenship<br>US |

 Additional individuals or legal entities (if any) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto

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ATTACHMENT TO REISSUE APPLICATION DECLARATION BY THE INVENTOR FOR  
REISSUE APPLICATION NUMBER 10/685,735

JUL 06 2007

STATEMENT OF SUPPORT FOR THE AMENDMENT TO INDEPENDENT CLAIM 1.

Independent claim 1 has been amended to include the limitations of original dependent claim 2. Further, independent claim 1 has been amended to delete the requirement of "an upper and a lower compliance assembly" as was originally allowed. As now presented in this Reissue application, independent claim 1 requires "at least one compliance assembly" and the at least one compliance assembly includes the limitations as originally allowed in dependent claim 2.

In the Examiner's "Reasons for Allowance, page 2 of the Notice of Allowability dated May 29, 2001, the examiner stated that "the closest prior art Le Fevre, Jr. ( US patent No.2,616,683) shows an upper compliance assembly (4) attached to the top of a load cell, and an overload stop (13) on the bottom, but no lower compliance assembly; there is no teaching in the art of record to place a compliance assembly on both the top and bottom of the load cell."

Le Fevre Jr. does disclose a compliance assembly in general as the Examiner pointed out. That compliance assembly consists of a Belleville spring (4) supported between a collar (12) and a ledge (23). ( See column 3, lines 56-67). Such springs are well known and Applicant discussed the advantages of Applicants' compliance assembly over such Belleville springs at Column 5, lines 63- 66 of Applicants' patent. However, nothing in Le Fevre Jr., or any of the prior art of which Applicants herein are aware, discloses or suggests a compliance assembly comprised, as required in amended independent claim 1, of a first base and a second base, a compression pad connected to said first base or said second base, a rebound pad, a load plate between said rebound pad and said compression pad, and said second base connected to said rebound pad or said compression pad. The support for these limitations is found throughout the Applicants' patent as issued at, for example, Column 2, lines 23-65 and in Figures 1-3 and in original dependent claim 2.

Further, as now presented, independent claim 1 requires "at least one compliance assembly" as so limited and does away with the requirement of "an upper and a lower compliance assembly". Support for this limitation is found, for example, in Figures 2 and 3 wherein only a single such compliance assembly is shown and each of the figures shows "at least one compliance assembly" as now more particularly claimed in independent claim 1. Further, the patent advises that the compliance assemblies operate in substantially the same manner to shield the load cell from compression and rebound loads simply depending on which end of the load cell it is placed. (Column 4, lines 51-67 and column 5, lines 1-14 ). Still further, the advantages of Applicants' compliance assembly as claimed is set forth throughout the patent as, for example, at column 5, lines 50-65.

Applicants respectfully submit that independent claim 1 as originally allowed was too narrow in requiring two of Applicants compliance assemblies and that independent claim 1 as now presented is allowable for the reason that the prior art does not teach or suggest Applicant's at least one compliant assembly as previously allowed as set forth in dependent claim 2, now cancelled, but the limitations of which are now included in independent claim 1.

[Note: This is and was fully presented in the Preliminary Amendment submitted by the Assignee on 10/14/2003 and to which both inventors have said in the attached Declaration that they have reviewed and understand the contents of the referenced specification, including the claims, as amended on 10/14/2003.]

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